

State of California

Business, Transportation and Housing Agency

Memorandum

To : Ms. Lauren Kemp - DISTRICT 11
Division of Construction MS-73

Date : March 26, 2001

File : 11-SD-78 PM 33.6 to 34.0
11-169541

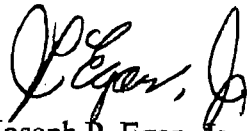
From : DEPARTMENT OF TRANSPORTATION
ENGINEERING SERVICES
Office of Geotechnical Services - MS #5

Subject : Proposed Cut Slope

Per your e-mail request dated 3/25/01, a field review of the proposed cut area has been completed to ascertain if blasting will be required for excavation of the proposed cut.

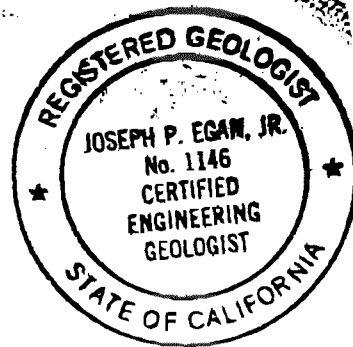
The proposed cut materials are composed of weathered granitic rock that contains zones of hard rock that will be difficult to excavate. Four such zones, containing an estimated total of 140 cubic meters were observed that should be able to be excavated by hydraulic ram excavator and a suitably sized bulldozer. Additionally, ditch excavation should also be adjusted to an estimated 50 cubic meters of difficult excavation as stated above.

If you have any questions or comments, please call me at (858) 467-4051 or CalNet 734-4051.



Joseph P. Egan, Jr
Senior Engineering Geologist
Geotechnical Section 11

c: JPearce
Geo files
RGES .05



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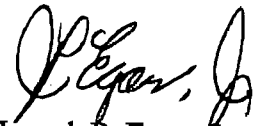
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